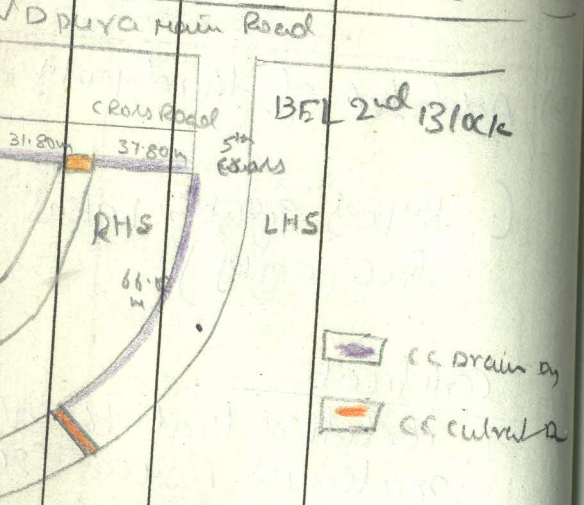
T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		I work done SPOT	



First & Final Bill

SBR No-288/14-15
@: 27-2-15

M. A. R. 57 (Rule 116)
Measurement Book

BR-461/27-2-15
No. B

Serial No. .....

Name of Work Improvements to Roads and Drains at BEL 2nd Block 5th Cross Road Left Side in ward No-10. Doddabommasandra From ..... To 251445

Name of Contractor of nature of Agency Sri. G. Venkatesh Gowda.

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work code No; 010-15-000023.						
	Agreement No; 215 Dated 14-01-2015.						
	Work order No; EE/BTP/BBMP/E-PMT/215/2014-15, Date 14-01-2015.						
	Address of Agency; 53/1, 14th 'A' Cross 'A' Sector, Yelahanka New Town Bangalore-64						

Budget Head; P2415.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 14-01-2015						
	1) Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 20 meters and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods etc						
	For New Drains LHS	1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	
		1	30.00	1.00	0.90 =	27.00 cum	
		1	26.80	1.00	0.90 =	24.12 cum	
		1	30.00	1.00	0.90 =	27.00 cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Culverts	
	Asst Executive Engr Vidyaranyapura Sub Div BBMP	
	2) Providing and laying in with OPC cement @ 180 kg coarse aggregate @ 0.85 exceeding 15cms, thick w	

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
-01-2015			
ns in Hard soil involving an			
ors and sides neatly dressed			
eatly after breaking of clods etc			
1.00	0.90 = 27.00 cum		
1.00	0.90 = 27.00 cum		
1.00	0.90 = 27.00 cum		
1.00	0.90 = 27.00 cum		
1.00	0.90 = 27.00 cum		
1.00	0.90 = 27.00 cum		
1.00	0.90 = 27.00 cum		
1.00	0.90 = 27.00 cum		
1.00	0.90 = 27.00 cum		
1.00	0.90 = 24.12 cum		
1.00	0.90 = 27.00 cum		

M. A. R. 57 (Rule 116) No. B
Measurement Book

251446

Serial No. ..... From ..... To .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Culverts	1	8.00	2.00	1.20 =	19.20 cum	
		1	7.40	2.00	1.20 =	17.76 cum	
					Total =	331.08 cum	
	Qty limited to Tender				=	327.42 cum	
						Rs 32575.00	
	2) Providing and laying in position Plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum machine mixed concrete laid in layers not exceeding 15cms, thick well compacted in foundation and plinth.						

Assistant Executive Engineer
Vidyaranyapura Sub Division

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		tone masonary with cement joints to depth of 20mm nicely ghout, curing complete as per	
		0.90 = 14.40 Sqm	
		0.90 = 7.20 Sqm	
		Total = 21.60 Sqm	
31		RS 1886.00	
		cement concrete of mix 1:2:4 and down size graded granite xed, concrete laid in layers pacted in foundations,	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

251448

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Pointing	1	8.00	1.80	0.10 =	1.44 Cum	
		1	4.00	1.80	0.10 =	0.72 Cum	
	Ramp	2	8.00	1.00	0.15 =	2.40 Cum	
		2	4.00	1.00	0.15 =	1.20 Cum	
					Total =	5.76 Cum	
		@ RS 5007.98				RS 28846.00	
	6) Providing and removing centering, shuttering, strutting, propping etc, and removal of form work for vertical surface such as walls at any thickness, including attached Pilasters, complete as per specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	RCC Drain	4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.75	= 90.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	26.80		0.60	= 64.32 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
	Culverts	1	8.00	0.60		= 4.80 Sqm	
		1	7.40	0.60		= 4.44 Sqm	
		2	8.00		0.23	= 3.68 Sqm	
		2	4.00		0.23	= 1.84 Sqm	
		2x2	1.80		0.23	= 1.66 Sqm	
						Total = 818.74 Sqm	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	7) Providing and laying in mix M20 with OPC ce granite metal, coarse ag machine mixed, concrete la for all works in foundat Bottom	

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	0.60 =	72.00 Sqm	
	0.60 =	72.00 Sqm	
	0.60 =	72.00 Sqm	
	0.60 =	72.00 Sqm	
	0.60 =	72.00 Sqm	
	0.75 =	90.00 Sqm	
	0.60 =	77.00 Sqm	
	0.60 =	72.00 Sqm	
	0.60 =	72.00 Sqm	
	0.60 =	64.32 Sqm	
	0.60 =	72.00 Sqm	
0.60	=	4.80 Sqm	
0.60	=	4.44 Sqm	
	0.23 =	3.68 Sqm	
	0.23 =	1.84 Sqm	
	0.23 =	1.66 Sqm	
	Total =	818.74 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251449

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Total =	818.38 Sqm	
		@ Rs 275/-				Rs 225153.00	
	7) Providing and laying in position rein forced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates) machine mixed, concrete laid in layers not exceeding 150mm thick, vibrated for all works in foundations						
	Bottom	1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Side wall	1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	26.80	1.00	0.15	= 4.02 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	
		1	15.00	1.00	0.15	= 2.25 cum	
		2	30.00	0.15	0.47	= 4.23 cum	
		2	30.00	0.15	0.55	= 4.95 cum	
		2	30.00	0.15	0.50	= 4.50 cum	
		2	30.00	0.15	0.40	= 3.60 cum	
		2	30.00	0.15	0.60	= 4.50 cum	
		2	30.00	0.15	0.45	= 4.05 cum	
		2	30.00	0.15	0.45	= 4.05 cum	

M

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
	Culvert	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
00	0.15 =	4.50 cum	
00	0.15 =	4.50 cum	
00	0.15 =	4.50 cum	
00	0.15 =	4.50 cum	
00	0.15 =	4.50 cum	
00	0.15 =	4.02 cum	
00	0.15 =	4.50 cum	
00	0.15 =	4.50 cum	
00	0.15 =	2.25 cum	
15	0.47 =	4.23 cum	
15	0.55 =	4.95 cum	
15	0.50 =	4.50 cum	
15	0.40 =	3.60 cum	
15	0.60 =	4.50 cum	
15	0.45 =	4.05 cum	
15	0.45 =	4.05 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 251450

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.15	0.45 =	4.05 cum	
		2	30.00	0.15	0.45 =	4.05 cum	
		2	26.80	0.15	0.34 =	2.73 cum	
		2	30.00	0.15	0.47 =	4.23 cum	C&FC.
		2	30.00	0.15	0.48 =	4.32 cum	
		2	15.00	0.15	0.45 =	2.03 cum	
	Culvert	1	8.00	1.50	0.23 =	2.70 cum	
		1	4.00	1.50	0.23 =	1.38 cum	
					Total =	111.20 cum	23/12/2015
	C&F Rubble	Qty Quoted to Tender			=	110.49 cum	S.D. (EE)
		@ Rs 5701-36				Rs 62 99 43.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8) providing mild steel reinforcement for R.C.C work including straight cutting, bending, hooking placing in position, lapping for welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per adjoining members complete as per design.						
	Qty vide Page no 2515 00 to 2515 01 of this M.B. No - 2515					= 82.870 MT	
	@ RS 7497.25						RS 621297.00
	9) lead for Disposal of Debris shall be payable at carriage rates by mechanical means including loading and unloading etc complete as per specifications						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty
	10) Add LH. for third
	certificate / certified

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8

r R.C.C work including Straight

position, lapping for welding
ire and according to the adjoining
per adjoining members

150| = 82.870 MT

37.25 RS 62197.00

ayable at carriage rates by
ng and unloading etc

IT – 18595–
VAT – 74380
RST 1115 70
ewe 18595–
CST 1860 –

M. A. R. 57 (Rule 116)
Measurement Book
No. B

251451

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

From ..... To .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Qty vide Item no- 1 @ RS 64.76					= 278.51 Cum RS 18023.00	
10)	Add 4% for third Party inspection charges					RS 18596.00	
						Total RS 1878188.00	

Jadhav
AE 23/2/2015

certificate) certified that the above work done satisfactory and no materials issued from departmentally

Jadhav
AE 23/2/2015

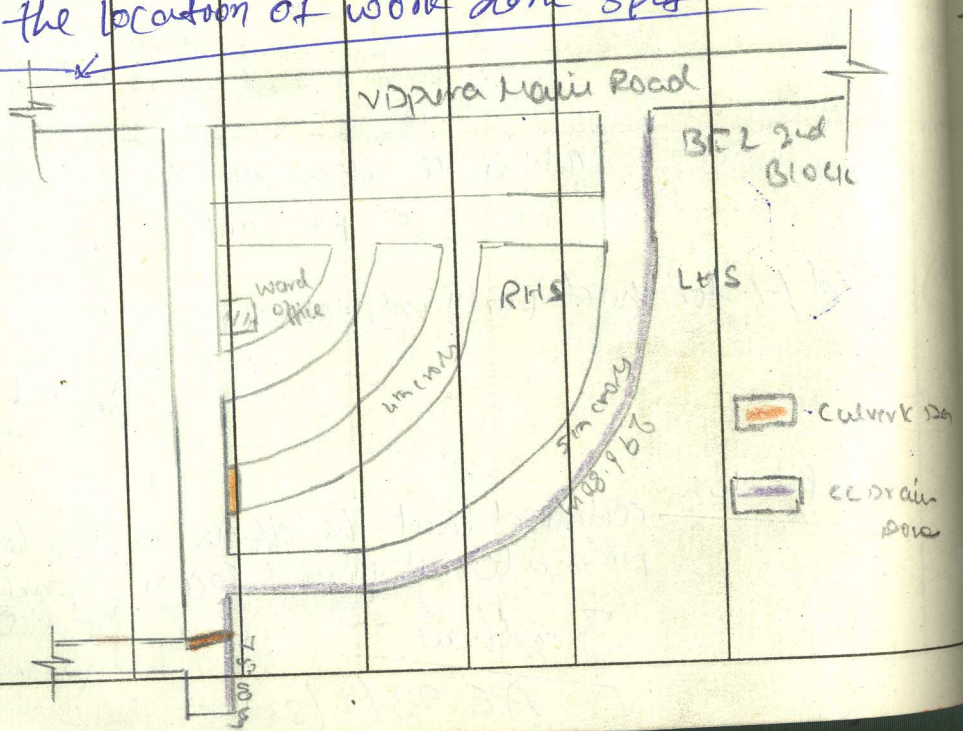
etc
Assistant
23/2/2015

Vidyaranyapuram
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Sketch Showing the location of work done Spot



Zadkar
AE

First & Final Bill

SBR No-286/14-15
Dt:23-2-

Serial No. .....
Name of Work ..... providing Street S
Dodda bommasan
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Work code No; 010
	Agreement No; 188
	Work order No; EE/
	Address of Agency;